

# FUNDING SOURCES AND TARGETED PROJECTS FOR THE NORTH COAST REGION

Project Type and Description	POTENTIAL FUNDING SOURCES																								Watersheds							
	State Water Resources Control Board	CWA Section 319(h) Nonpoint Source	Proposition 13 (Water Quality)	Proposition 13 (Water Recycling)	CWA Section 205(j) Planning	Department of Water Resources	Proposition 13 (Flood Protection)	Proposition 13 (Urban Streams)	Proposition 13 (Groundwater Recharges)	Proposition 13 (Water Conservation)	Department of Parks and Recreation	Proposition 12 (Riparian/Riverine)	Habitat Conservation Fund	State Coastal Conservancy	Coastal Conservancy Programs	CA Wildlife Conservation Board	Proposition 12 (Riparian Habitat)	Natural Heritage Tax Credit Program	Department of Fish and Game	Fisheries Restoration Grants	NOAA	Community-based Rest. Grants	California Resources Agency	Coastal Resources Grant Program	Other potential sources	Russian/Bodega WMA	Klamath WMA	North Coast Rivers WMA	Humboldt Bay WMA	Eel River WMA	Trinity River WMA	Regionwide
Implement BMPs/Improve Water Quality		X	X				X	X							X								X		X	X						
Rehabilitate abandoned mines to improve water quality; address abandoned mine dam failures to prevent/control sediment releases; monitor water quality downstream from abandoned mines(especially for mercury); restore riparian habitat and function to river reaches affected by mine tailings		X	X				X	X				X			X								X		X	X						
Address abandoned mine dam failures to prevent/control sediment releases in Shasta River watershed		X	X					X						X								X		X	X							
Implement BMPs to prevent/reduce contaminated runoff from horse and cattle operations; implement pasture rotation for erosion and nutrient control; recycle agricultural waste including dairy waste to reduce pathogen and nutrient loading to surface and ground water; develop alternative stock watering systems including pond development; construct livestock fencing to protect riparian areas		X	X									X	X		X		X			X		X		X	X							
Implement agricultural practices to reduce pesticides in surface waters		X	X					X							X							X		X	X							
Recycle agricultural waste including dairy waste to reduce pathogen and		X	X					X							X							X		X	X							A

## FUNDING SOURCES AND TARGETED PROJECTS FOR THE NORTH COAST REGION

nutrient loading to surface and ground water																		A							
Implementation of a program to reduce runoff discharges from residential, commercial, and industrial properties and improve stream habitat in a mixed cultural/environmental justice setting (Rosaland Creek)	X	X				X	X					X					X		X	X					
Wetland “polishing marsh for storm water runoff from Sebastopol	X	X				X	X					X					X		X	X					
Coordinate permitting efforts and/or streamline permit process for restoration projects	X	X					X					X					X		X	X					
Implement technical TMDLs in cooperative efforts with private and federal landowners	X	X				X	X					X					X		X	X					
Implement forest fuels reduction management	X	X					X					X					X		X	X					
Decommission, upgrade, storm proof, restore and maintain roads for erosion control to reduce sediment loading	X	X					X					X					X		X	X					
Conduct parking lot storm water management including porous pavement projects	X	X				X	X					X					X		X	X					
Road erosion control under powerlines, secure utility easement access	X	X					X					X					X		X	X					
Use erosion control BMPs in developing and maintaining hiking trails	X	X										X					X		X	X					
Convert septic systems to sewer systems, develop filtration system for sediment trapping and water re-use in Bodega Bay	X	X				X	X					X					X		X	X					
Implement management practices to reduce off-site movement of NPS pollution in urban areas	X	X				X	X					X					X		X	X					
Protect, restore, and enhance urban streams including but not limited to the use of greenbelts, day-lighting, riparian restoration, buffer zones, and wetlands creation for storage and attenuation	X	X				X	X					X					X		X	X					
Habitat Restoration/Beneficial Use Enhancement	X	X				X	X	X				X	X			X		X	X						
Protect/restore/enhance historic flood plains	X	X				X	X	X				X	X			X		X	X						

## FUNDING SOURCES AND TARGETED PROJECTS FOR THE NORTH COAST REGION

Stream restoration, road restoration/retirement or other erosion/sedimentation reduction activities, especially where TMDLs are established		X	X				X	X	X			X	X		X		X		X	X									A
Develop and implement BMPs for noxious weed control in water ways and/or control of invasive plant species		X	X					X				X	X		X		X		X	X									A
Implement riparian revegetation and stream canopy enhancement using native plants		X	X					X				X	X		X		X		X	X									A
Riparian revegetation, channel protection and animal exclusion zones as set forth in an approved technical TMDL		X	X					X				X	X		X		X	X	X	X									
Install streambank stablization and restoration measures including bioengineering		X	X				X	X	X			X	X		X		X	X	X	X									A
Large woody debris (LWD) recruitment and placement, and protection of LWD recruitment areas to create fish habitat		X	X					X				X	X		X		X	X	X	X									A
Install fish screens on diversion outlets		X	X					X				X	X		X		X	X	X	X									A
Remove fish migration barriers		X	X					X				X	X		X		X	X	X	X									A
Identify, protect and enhance salmonid refugia in streams		X	X					X				X	X		X		X	X	X	X									A
Laguna wetland corridor restoration and wetland bank and provide sediment(nutrient) removal from the tributaries to the Laguna de Santa Rosa		X	X				X	X	X			X	X		X		X	X	X	X									A
Re-create wetlands in flood prone areas and freshwater portions of upper tidal and low gradient channels of coastal streams		X	X				X	X	X			X	X		X		X	X	X	X									A
Protect, restore, and enhance wetlands, riparian areas, estuaries and adjacent lands. Restore fluvial processes in wetland areas		X	X				X	X	X			X	X		X		X	X	X	X									A
<i>Assess loadings and impacts</i>				X	X		X			X					X						X	X							
Evaluate wildlife health in estuaries due to cumulative effects from the watershed					X		X			X					X					X	X								A
Evaluate hydrological connections between estuaries, wetlands and streams				X	X		X			X					X					X	X								A

## FUNDING SOURCES AND TARGETED PROJECTS FOR THE NORTH COAST REGION

Temperature modeling to predict impacts of different riparian land use for Garcia River				X				X				X						X	X			A						
Inventory of surface and ground water withdrawals for agricultural and upland areas				X	X		X			X									X	X								A
Assessments and inventories of roads as sediment sources to streams in watersheds where sediment TMDLs are established or are pending in the next five years				X	X		X			X									X	X								A
Assess watershed cumulative effects of THPs				X	X		X			X									X	X								A
Evaluate and monitor urban storm water runoff, research control measure for future implementation plan to reduce storm water pollutants in Foss Creek				X	X		X			X									X	X		A						
Develop GIS map layers of sediment sources in Freshwater Creek and Elk River					X		X			X									X	X								
Identify sources of HVOCs in Santa Rosa Creek				X	X		X			X					X		X		X	X		A						
Assessments and inventories of roads (logging, rural and residential) as sediment sources to streams, and recommendations for implementation of road improvement projects				X	X		X			X									X	X								A
Conduct water quality assessment for salmonid restoration				X	X					X					X		X		X	X								A
Conduct water quality assessment for salmonid restoration in the Mad River and tributaries				X	X					X					X		X		X	X								
Assess, inventory and prioritize tributaries with salmonid fish passage deficiencies from Iron Gate dam to the confluence with the Trinity River, develop an ArcView watershed planning tool for all tributaries				X	X		X			X					X		X		X	X								
Assessment of natural and anthropogenic origins of aluminum				X	X		X			X							X		X	X		A						
Conduct habitat typing and sediment source inventories in Salmon Creek				X	X		X			X					X		X		X	X		A						
Conduct temperature and nutrient baseline sampling and modeling to analyze limiting water quality conditions				X	X		X			X									X	X								

## FUNDING SOURCES AND TARGETED PROJECTS FOR THE NORTH COAST REGION

[illegible]



## FUNDING SOURCES AND TARGETED PROJECTS FOR THE NORTH COAST REGION

[illegible]

## FUNDING SOURCES AND TARGETED PROJECTS FOR THE NORTH COAST REGION

[illegible]



## FUNDING SOURCES AND TARGETED PROJECTS FOR THE NORTH COAST REGION

[illegible]